



# **DRAWING DIRECTORY**

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## **CUSTOMER PRINT SET INDEX**

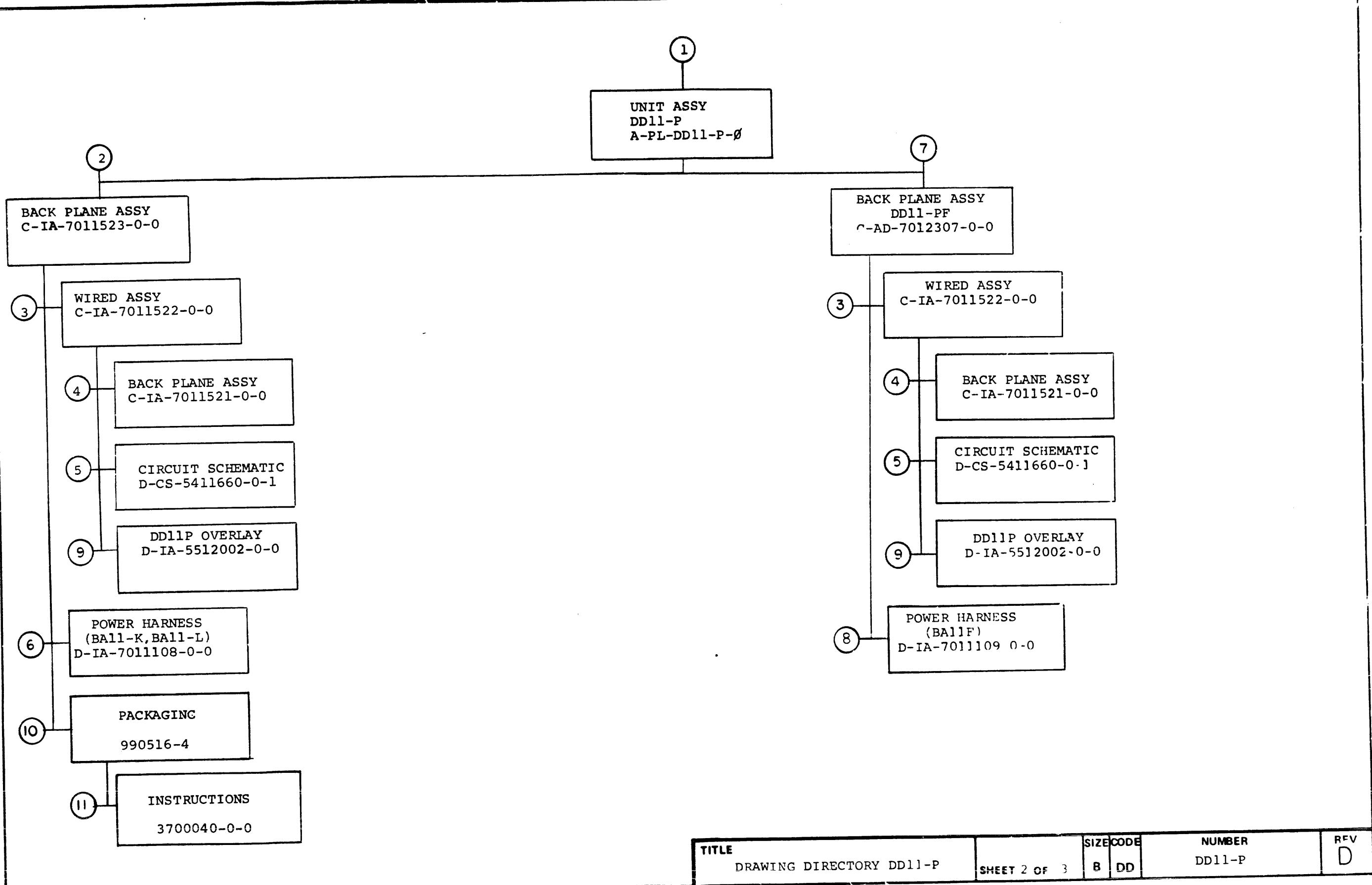
SEQUENCE	
DRAWING DIRECTORY (DD11-P)	B-DD-DD11-P
RACK PLANE ASSY (DD11PK)	C-AD-7011523-0-0
BACK PLANE ASSY (DD11PF)	C-AD-7012307-0-0
MODULE UTILIZATION (DD11-P)	D-MU-DD11-P-2
POWER HARNESS (BAL1-K,BAL1-L)	D-IA-7011108-0-0
POWER HARNESS (BAL1F,BAL1-P)	D-IA-7011109-0-0
CIRCUIT SCHEMATIC (DD11-P)	D-CS-5411660-0-1
WIRE LIST (COMPLETE)	K-WL-DD11-P-1

## **SEQUENCE**

# THIS IS PRINT SET

NOTE: DD11PK ASSEMBLIES ARE ELECTRICALLY INCOMPATIBLE WITH DD11PF ASSEMBLIES. A DD11PK WILL WORK IN BA11-L AND BA11-K BOXES ONLY. A DD11PF WILL WORK IN BA11-F AND BA11-P BOXES ONLY.

				USED ON OPTION/MODEL		DRN. D. HEALY	DATE 7-19-75	TITLE  DRAWING DIRECTORY DD11-P		
				CHK'D. W. H. Ross		DATE 6/3/75				
				PROJ. ENG. R. Barry		DATE 7-2-75	SIZE B	CODE DD	NUMBER DD11-P	REV D
				PROD. R. Miller		DATE 7-2-75				
				FIELD SERV.		DATE 7-1-75	DIST			
REVISIONS		CHG. NO.	REV							
		DATE								
2-76		DD11P-2	A							
2-76		DD11P-2	R. Barry							
9-76		DD11P-3	B							
12-76		DD11P-4	C							
2-77		DD11P-5	D							
SHEET 1 OF 3										



CUSTOMER  
PRINT SE  
CODES

X = PRINT OF DOCUMENT INCLUDED IN PRINT SET  
C = INCLUDES ALL PRINTS INDICATED ON DOCUMENT  
S = CONFIDENTIAL AUTHORIZED SIGNATURE REQUIRED

TIT

DRAWING DIRECTORY DD11-1

SHEET 3 OF 3

3

CODE  
DD

NUMBER  
DD11-P

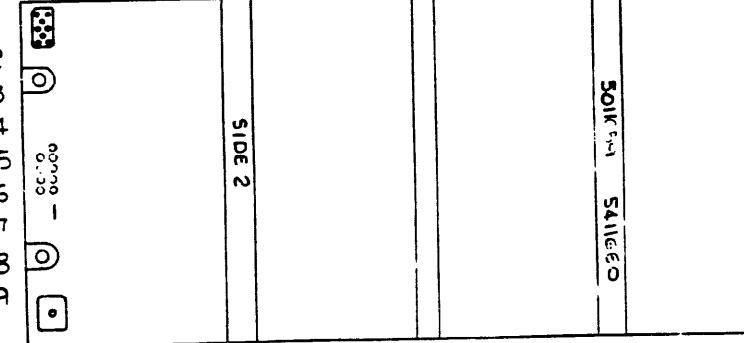
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### WIRE TABLE

FROM			TO	FROM			TO
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLUE	P4-13	SOLDER	-15V	BRN	P2-14	SOLDER	-5V
RED	P4-4		+5V	BLK	P2-8		GND
RED	P4-1		+5V	GRAY	P2-2		+15
BLK	P4-8		GND	ORG	P2-3		+20
ORG	P4-3		+20V	BLK	P2-9		GND
BLK	P4-9		GND	RED	P2-12	SOLDER	+5B
WHT	P4-6		+15B	ITEM5	ITEM6	SOLDER	GND
GRN	P4-15						
YEL	P3-4						
BLK	P3-1						
BRN	P3-2						
VIO	P3-3						
RED	P2-4		+5V				
RED	P2-1	SOLDER	+5V				

SLOT



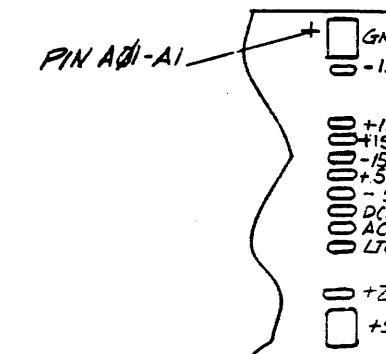
A

REVISIONS		CHANGE NO.	REV.
CHK	7011523-00001	A	
J.R.	DDII-PK-00002	B	
R. BARRY	DDII-PK-00003	C	
R. BARRY	DDII-PK-00004	D	
R. BARRY	DDII-PK-00005	E	
R. BARRY	DDII-PK-00006	F	
R. BARRY	DDII-PK-00007	G	
R. BARRY	DDII-PK-00008	H	
R. BARRY	DDII-PK-00009	I	
R. BARRY	DDII-PK-00010	J	
R. BARRY	DDII-PK-00011	K	
R. BARRY	DDII-PK-00012	L	
R. BARRY	DDII-PK-00013	M	
R. BARRY	DDII-PK-00014	N	
R. BARRY	DDII-PK-00015	O	
R. BARRY	DDII-PK-00016	P	
R. BARRY	DDII-PK-00017	Q	
R. BARRY	DDII-PK-00018	R	
R. BARRY	DDII-PK-00019	S	
R. BARRY	DDII-PK-00020	T	
R. BARRY	DDII-PK-00021	U	
R. BARRY	DDII-PK-00022	V	
R. BARRY	DDII-PK-00023	W	
R. BARRY	DDII-PK-00024	X	
R. BARRY	DDII-PK-00025	Y	
R. BARRY	DDII-PK-00026	Z	
R. BARRY	DDII-PK-00027	A	
R. BARRY	DDII-PK-00028	B	
R. BARRY	DDII-PK-00029	C	
R. BARRY	DDII-PK-00030	D	
R. BARRY	DDII-PK-00031	E	
R. BARRY	DDII-PK-00032	F	
R. BARRY	DDII-PK-00033	G	
R. BARRY	DDII-PK-00034	H	
R. BARRY	DDII-PK-00035	I	
R. BARRY	DDII-PK-00036	J	
R. BARRY	DDII-PK-00037	K	
R. BARRY	DDII-PK-00038	L	
R. BARRY	DDII-PK-00039	M	
R. BARRY	DDII-PK-00040	N	
R. BARRY	DDII-PK-00041	O	
R. BARRY	DDII-PK-00042	P	
R. BARRY	DDII-PK-00043	Q	
R. BARRY	DDII-PK-00044	R	
R. BARRY	DDII-PK-00045	S	
R. BARRY	DDII-PK-00046	T	
R. BARRY	DDII-PK-00047	U	
R. BARRY	DDII-PK-00048	V	
R. BARRY	DDII-PK-00049	W	
R. BARRY	DDII-PK-00050	X	
R. BARRY	DDII-PK-00051	Y	
R. BARRY	DDII-PK-00052	Z	
R. BARRY	DDII-PK-00053	A	
R. BARRY	DDII-PK-00054	B	
R. BARRY	DDII-PK-00055	C	
R. BARRY	DDII-PK-00056	D	
R. BARRY	DDII-PK-00057	E	
R. BARRY	DDII-PK-00058	F	
R. BARRY	DDII-PK-00059	G	
R. BARRY	DDII-PK-00060	H	
R. BARRY	DDII-PK-00061	I	
R. BARRY	DDII-PK-00062	J	
R. BARRY	DDII-PK-00063	K	
R. BARRY	DDII-PK-00064	L	
R. BARRY	DDII-PK-00065	M	
R. BARRY	DDII-PK-00066	N	
R. BARRY	DDII-PK-00067	O	
R. BARRY	DDII-PK-00068	P	
R. BARRY	DDII-PK-00069	Q	
R. BARRY	DDII-PK-00070	R	
R. BARRY	DDII-PK-00071	S	
R. BARRY	DDII-PK-00072	T	
R. BARRY	DDII-PK-00073	U	
R. BARRY	DDII-PK-00074	V	
R. BARRY	DDII-PK-00075	W	
R. BARRY	DDII-PK-00076	X	
R. BARRY	DDII-PK-00077	Y	
R. BARRY	DDII-PK-00078	Z	
R. BARRY	DDII-PK-00079	A	
R. BARRY	DDII-PK-00080	B	
R. BARRY	DDII-PK-00081	C	
R. BARRY	DDII-PK-00082	D	
R. BARRY	DDII-PK-00083	E	
R. BARRY	DDII-PK-00084	F	
R. BARRY	DDII-PK-00085	G	
R. BARRY	DDII-PK-00086	H	
R. BARRY	DDII-PK-00087	I	
R. BARRY	DDII-PK-00088	J	
R. BARRY	DDII-PK-00089	K	
R. BARRY	DDII-PK-00090	L	
R. BARRY	DDII-PK-00091	M	
R. BARRY	DDII-PK-00092	N	
R. BARRY	DDII-PK-00093	O	
R. BARRY	DDII-PK-00094	P	
R. BARRY	DDII-PK-00095	Q	
R. BARRY	DDII-PK-00096	R	
R. BARRY	DDII-PK-00097	S	
R. BARRY	DDII-PK-00098	T	
R. BARRY	DDII-PK-00099	U	
R. BARRY	DDII-PK-00100	V	
R. BARRY	DDII-PK-00101	W	
R. BARRY	DDII-PK-00102	X	
R. BARRY	DDII-PK-00103	Y	
R. BARRY	DDII-PK-00104	Z	
R. BARRY	DDII-PK-00105	A	
R. BARRY	DDII-PK-00106	B	
R. BARRY	DDII-PK-00107	C	
R. BARRY	DDII-PK-00108	D	
R. BARRY	DDII-PK-00109	E	
R. BARRY	DDII-PK-00110	F	
R. BARRY	DDII-PK-00111	G	
R. BARRY	DDII-PK-00112	H	
R. BARRY	DDII-PK-00113	I	
R. BARRY	DDII-PK-00114	J	
R. BARRY	DDII-PK-00115	K	
R. BARRY	DDII-PK-00116	L	
R. BARRY	DDII-PK-00117	M	
R. BARRY	DDII-PK-00118	N	
R. BARRY	DDII-PK-00119	O	
R. BARRY	DDII-PK-00120	P	
R. BARRY	DDII-PK-00121	Q	
R. BARRY	DDII-PK-00122	R	
R. BARRY	DDII-PK-00123	S	
R. BARRY	DDII-PK-00124	T	
R. BARRY	DDII-PK-00125	U	
R. BARRY	DDII-PK-00126	V	
R. BARRY	DDII-PK-00127	W	
R. BARRY	DDII-PK-00128	X	
R. BARRY	DDII-PK-00129	Y	
R. BARRY	DDII-PK-00130	Z	
R. BARRY	DDII-PK-00131	A	
R. BARRY	DDII-PK-00132	B	
R. BARRY	DDII-PK-00133	C	
R. BARRY	DDII-PK-00134	D	
R. BARRY	DDII-PK-00135	E	
R. BARRY	DDII-PK-00136	F	
R. BARRY	DDII-PK-00137	G	
R. BARRY	DDII-PK-00138	H	
R. BARRY	DDII-PK-00139	I	
R. BARRY	DDII-PK-00140	J	
R. BARRY	DDII-PK-00141	K	
R. BARRY	DDII-PK-00142	L	
R. BARRY	DDII-PK-00143	M	
R. BARRY	DDII-PK-00144	N	
R. BARRY	DDII-PK-00145	O	
R. BARRY	DDII-PK-00146	P	
R. BARRY	DDII-PK-00147	Q	
R. BARRY	DDII-PK-00148	R	
R. BARRY	DDII-PK-00149	S	
R. BARRY	DDII-PK-00150	T	
R. BARRY	DDII-PK-00151	U	
R. BARRY	DDII-PK-00152	V	
R. BARRY	DDII-PK-00153	W	
R. BARRY	DDII-PK-00154	X	
R. BARRY	DDII-PK-00155	Y	
R. BARRY	DDII-PK-00156	Z	
R. BARRY	DDII-PK-00157	A	
R. BARRY	DDII-PK-00158	B	
R. BARRY	DDII-PK-00159	C	
R. BARRY	DDII-PK-00160	D	
R. BARRY	DDII-PK-00161	E	
R. BARRY	DDII-PK-00162	F	
R. BARRY	DDII-PK-00163	G	
R. BARRY	DDII-PK-00164	H	
R. BARRY	DDII-PK-00165	I	
R. BARRY	DDII-PK-00166	J	
R. BARRY	DD		

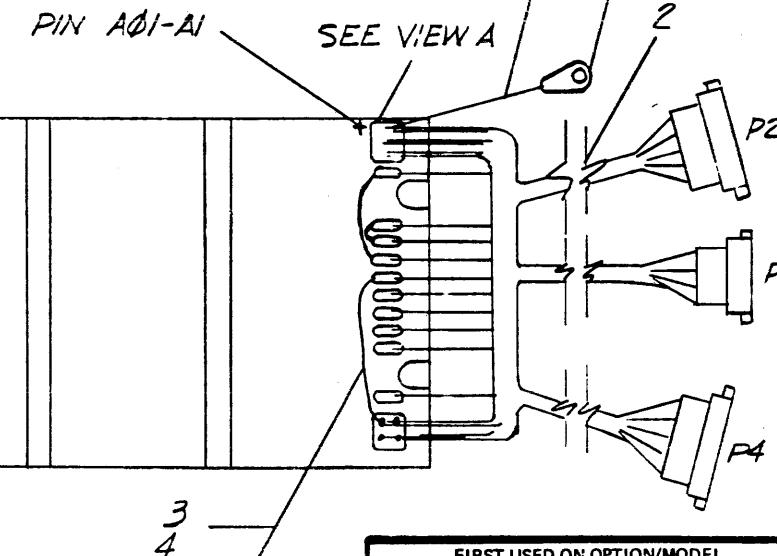
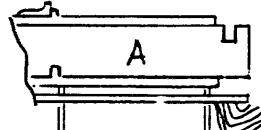
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### WIRE TABLE

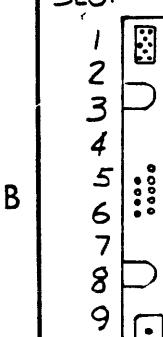
FRON			TO			FRON			TO		
COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL	COLOR	POINT	CONNECTION	SIGNAL
BLU	P4-13	SOLDER	-15V	BRN	P2-14	SOLDER	-5V				
RED	P4-4		+5V	BLK	P2-8		GND				
RED	P4-1		+5V	GRAY	P2-2		+15				
BLK	P4-8		GND	GRN	P2-3		+20				
GRN	P4-3		+20V	BLK	P2-9		GND				
BLK	P4-9		GND	RED	P2-10	SOLDER	+5B				
WHT	P4-6		+15B	ITEM <sup>5</sup>	ITEM <sup>6</sup>	SOLDER	GND.				
GRN	P4-15		-15B								
YEL	P3-4		ACLO								
BLK	P3-1		GND								
BRN	P3-2		LTC								
VIO	P3-3		DCLO								
RED	P2-4		+5V								
RED	P2-1	SOLDER	+5V								



VIEW "A"



SLOT



A

REVISIONS  
CHANGE NO.  
REV.  
CHK

B

C

D

SEE NOTE 1

QTY.	DESCRIPTION	PART NO.	ITEM NO.
<b>PARTS LIST</b>			
1 TERMINAL, SOLDER 9008150 6			
1 WIRE, BLK STRD #14 9107370-00 5			
1/2 TUBING, #20 (CLEAR) 9107267-10 4			
1 WIRE, BUS #20 9107560-02 3			
1 POWER HARNESS BAI-F D-1A-701109-0-0 2			
1 WIRED ASSY DDII-P C-1A-7011522 0-0 1			

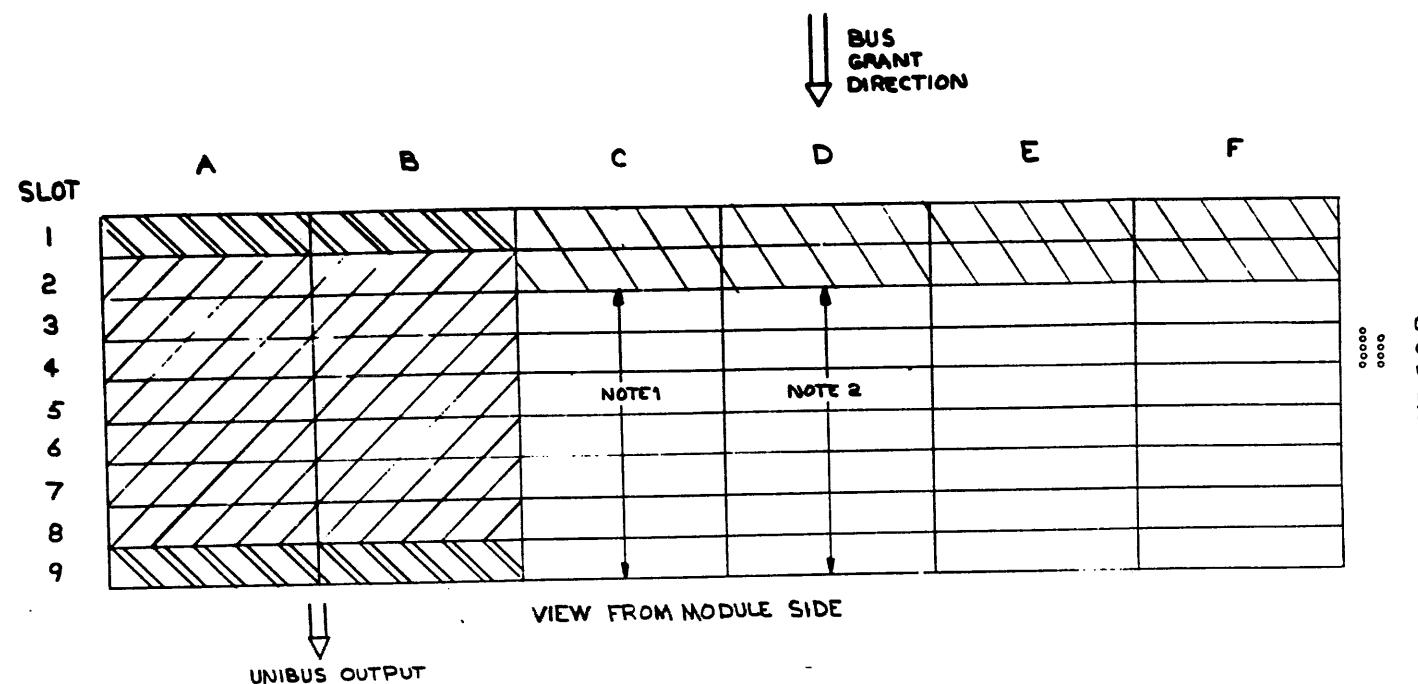
CAD 7012307-0-0 REV. B

TITLE  
BACK PLANE ASSY  
(DDII-PF)

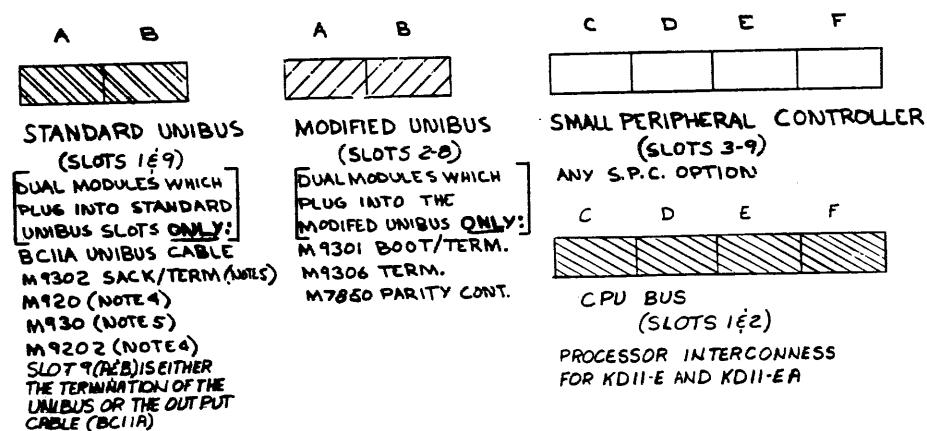
SIZE	CODE	NUMBER	REV.
C	AD	7012307-0-0	
DIST.			

## NOTES:

1. REMOVE CA1 TO CB1 WIRE WRAP JUMPER TO INSTALL AN MPR OPTION IN ANY SPC SLOT.
2. G727 REQUIRED IN ANY UNUSED SPC SLOT TO PROVIDE BUS GRANT CONTINUITY.
3. GRANT DIRECTION IS SLOT 1 TO SLOT 9.
4. USE M9262 TO INTERCONNECT SYSTEM UNITS INSTEAD OF M926. M9262 IS A 2 FT. UNIBUS JUMPER CABLE USED TO DISTRIBUTE UNIBUS LOADING.
5. M9302 (SACK/TERM) AND M9306 (TERM) MUST NEVER BE INSTALLED IN ANY SLOT OTHER THAN SLOT 9 (A & B). POWER SUPPLY VOLTAGES WILL BE SHORTED OUT IF THESE TERMINATORS ARE MOUNTED IN THE MODIFIED UNIBUS SLOTS.
6. MODIFIED UNIBUS SECTION CARRIES CORE AND MOS MEMORY VOLTAGE RAILS AND MEMORY PARITY CONTROL SIGNALS INSTEAD OF BUS GRANT AND SOME GND SIGNALS THAT ARE CONTAINED IN STANDARD UNIBUS SLOTS.
7. REFER TO NEXT PAGE FOR RECOMMENDED UTILIZATION OF THIS SLOT IN STANDARD SYSTEM.
8. THIS SLOT IS RESERVED FOR KKII-A OPTION ON PDP1134A ONLY BALL-K BOX ONLY.

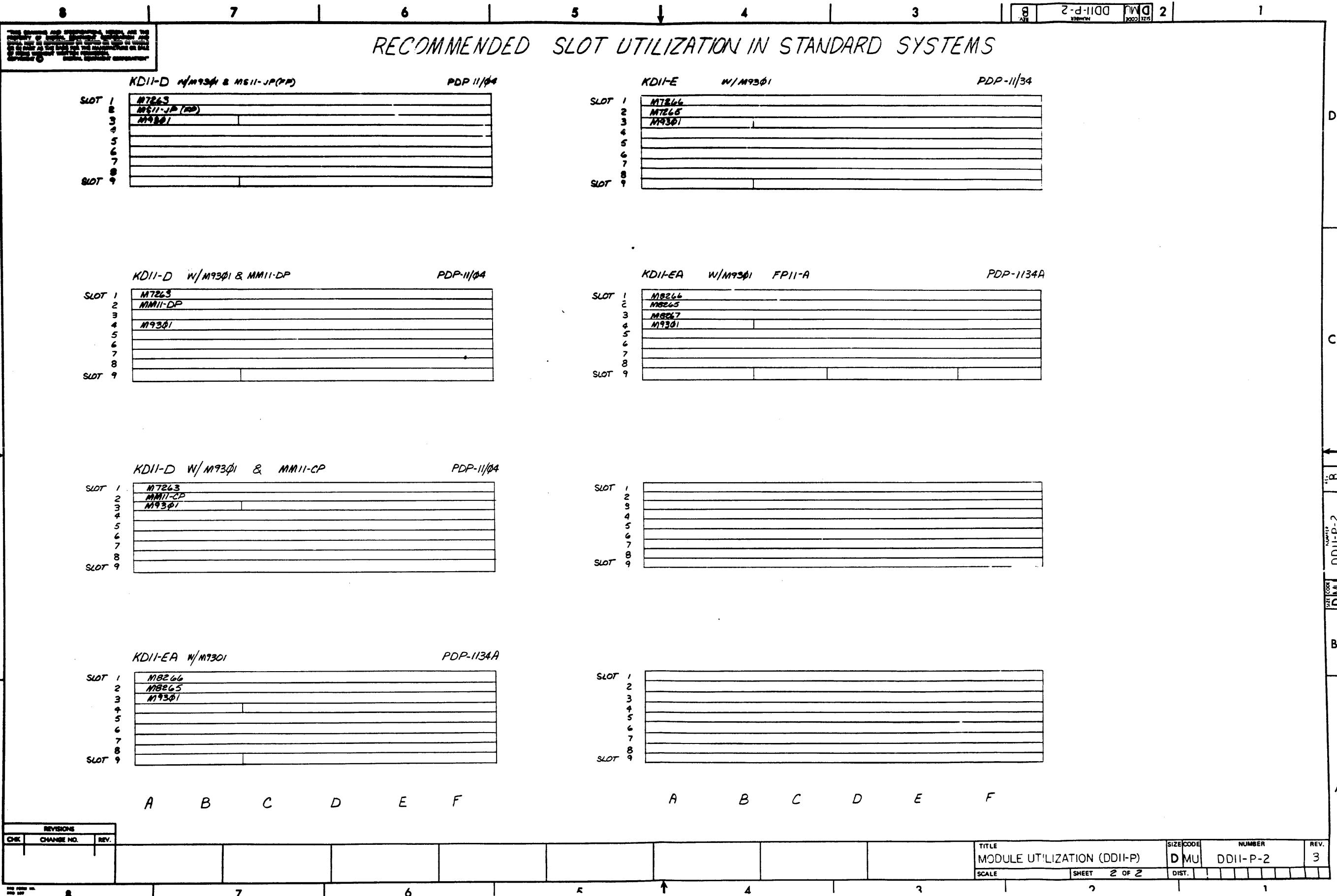


CABLE FROM KYII-LA  
OPERATORS CONSOLE,  
USED WITH PDP11/04,  
PDP11/34, PDP11/34A  
TERMINATES HERE



**GENERAL**  
ANY HEX MODULE THAT MEETS EITHER OF THE FOLLOWING REQUIREMENTS CAN BE MOUNTED IN THESE SLOTS.  
1.) THOSE PINNED TO TAKE SIGNALS FROM MODIFIED UNIBUS (A&B) WITH THE BUS GRANTS TAKEN FROM SPC SLOTS 10: ABOVE  
2.) THOSE PINNED TO TAKE SIGNALS FROM STANDARD SPC PINNING WITH THE EXCEPTION OF POWER FROM (A&B). i.e.: SPECIAL OPTIONS

		DESCRIPTION		DWG./PART NO.	ITEM NO.
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES	CLASS 7F	OVER	OVER	OVER	OVER
90° 30'	ACI/4ACY	0.000	0.000	0.000	0.000
	(CHECK ONE)	±.010	±.010	±.010	±.010
		±.015	±.015	±.015	±.015
		±.020	±.020	±.020	±.020
SURFACE		NOMINAL DIMENSION RANGE INCHES			
QUALITY IN	MEDIUM	0.000	0.000	0.000	0.000
	MICRONES	PREFERRED	±.010	±.010	±.010
			±.015	±.015	±.015
			±.020	±.020	±.020
THIRD ANGLE PROJECTION		DRW. C.R. 11/21 FIRST USED ON digital			
CHK'D: XGQ 11/12		TITLE			
ENG/RB 11/21					
PROJ. ENG'D 11/21					
PROD. PKT 11/21		MODULE UTILIZATION (DDII-P)			
DO NOT SCALE DWG		NEXT HIGHER ASSY.			
MATERIAL / /		SIZE CODE NUMBER			
SCALE / /		D MU DDII-P-2			
FINISH / /		REV. B			
SHEET 1 OF 2 DIST.					



8 7 6 5 4 3 2 1

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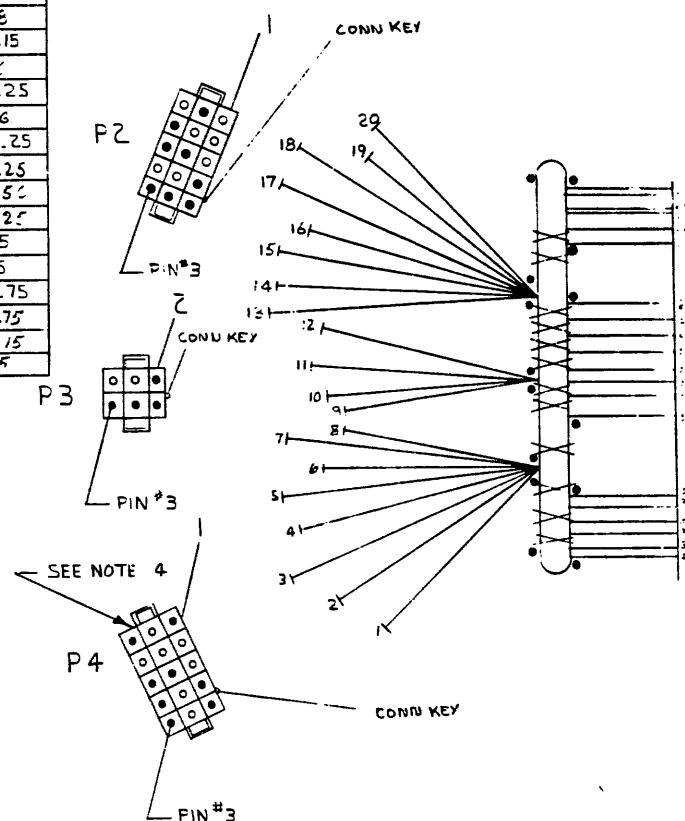
0-C-801102 2

NOTES:

1. USE TIE WRAPS (X) ITEM #4 AT BREAKOUT POINTS SHOWN
2. DOT (•) INDICATES NAIL LOCATION FOR ASS'Y USE ONLY. COVER NAILS WITH SHANK TUBING TO PREVENT CUTTING HARNESS.
3. WIRE LENGTH TOLERANCES WILL BE  $\pm \frac{1}{8}$  INCHES.
4. ALL CONN. SHOWN FROM WIRING SIDE.

WIRING TABLE

ITEM NO.	DESCRIPTION	FROM			TO		SIGNAL	LENGTH
		AWG	COLOR	POINT	CONNECTION	WITH		
9	*18	BLUE	1	P4-13		26	SOLDER	-15V 7
5	14	RED	2	P4-4		37		+5V 5
5	4	RED	3	P4-1		38		+5V 5
6	14	BLK	4	P4-8		21		GND 7.75
7	14	ORN	5	P4-3		35		+20V 5
8	14	ELK	6	P4-9		22		GND 8
13	18	WHT	7	P4-6		28		+15B 6.15
12	18	GFN	8	P4-15		29		-15B 6
12	18	YEL	9	F2-4		33		ACLO 4.25
6	14	ELK	10	F2-1		23		GND 6
10	18	BRN	11	F2-2		34		LTC 4.25
11	18	VIO	12	F2-3		32		DCLO 4.25
5	14	RED	13	F2-4		39		+5V 7.5
5	14	RED	14	F2-1		40		+5V 7.25
10	18	BRN	15	F2-14		31		-5V 5
6	14	BLK	16	F2-8		24		GND 5
6	18	GREY	17	F2-2		27		+15 4.75
7	14	ORN	18	F2-3		30		+20 6.75
6	14	BLK	19	F2-9		25		GND 5.15
5	18	RED	20	F2-12	3	30	SOLDER	+5B .5



DO NOT REDUCE  
SCALE

6 IN 2 IN

FOR MANUFACTURING PURPOSES ONLY

REVISIONS	REV.
CHN	1
CHANGE NO.	
INITIALS	
FOR	
BY	
1. CORRERA	

DESCRIPTION		DWG. PART NO.	ITEM NO.
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES			
ANGLES	CLASS OF ACCURACY	NOMINAL DIMENSION RANGE INCHES	
10° 30'	CHECK ONE	OVER TO	OVER TO
SURFACE QUALITY IN		OVER TO	OVER TO
MICRONES	PREFERRED	OVER TO	OVER TO

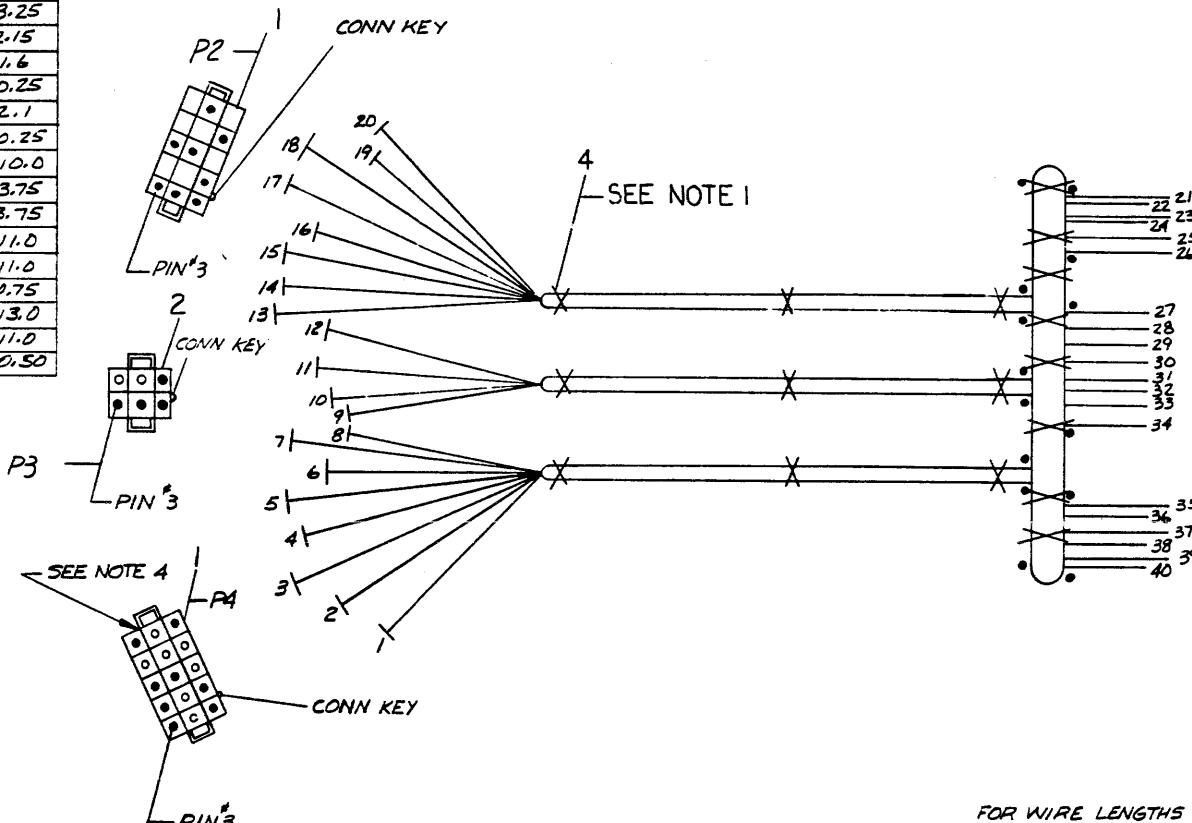
DRN. JUN 26/75	4/1175	FIRST USED ON DD11-D
CHK'D 5/26/75	5/21/75	TITLE
ENG'D R. BAKER		
PROJ. ENG'D R. BAKER	5/26/75	
PROD. K. KELLY	5/26/75	
DO NOT SCALE DWG		
NEXT HIGHER ASSY		
MATERIAL SEE PARTS LIST	C-AD-T01164-0-0	SIZE CODE
FINISH	SCALE 1:1	NUMBER
		REV.
		B
		NUMBER
		REV.
		B

POWER HARNESS  
(BAI-K, BAI-L)

701108-0-0

## WIRING TABLE

ITEM NO	DESCRIPTION		FROM			TO			SIGNAL	LENGTH
	AWG	COLOR	POINT	CONNECTION	WITH	POINT	CONNECTION			
9	18	BLU	1	P4-13	3	26	SOLDER	-15V	12.75	
5	14	RED	2	P4-4		37		+5V	11	
5	14	RED	3	P4-1		38		+5V	11.25	
6	14	BLK	4	P4-8		21		GND	13.75	
7	14	ORN	5	P4-3		35		+20V	11.0	
6	14	BLK	6	P4-9		22		GND	13.25	
13	18	WHT	7	P4-6		28		+15B	12.15	
14	18	GRN	8	P4-15		29		-15B	11.6	
12	18	YEL	9	P3-4		33		ACLO	10.25	
6	14	BLK	10	P3-1		23		GND	12.1	
10	18	BRN	11	P3-2		34		LTC	10.25	
11	18	VIO	12	P3-3		32		DCLO	10.0	
5	14	RED	13	P2-4		39		+5V	13.75	
5	14	RED	14	P2-1		40		+5V	13.75	
15	14	BRN	15	P2-14		31		-5V	11.0	
6	14	BLK	16	P2-8		24		GND	11.0	
8	18	GRY	17	P2-2		27		+5	10.75	
7	14	ORN	18	P2-3		36		+20	13.0	
6	14	BLK	19	P2-9		25		GND	11.0	
5	14	RED	20	P2-10	3	30	SOLDER	+5B	10.50	



FOR WIRE LENGTHS  
SEE WIRING TABLE

*DO NOT REDUCE*

**SCALE**

12 IN'

FOR MANUFACTURING PURPOSES ONLY

2/16

1

1

**NOTES:**

1. USE TIE WRAPS (X) ITEM #4 AT BREAKOUT POINTS SHOWN.
2. DOT (•) INDICATES NAIL LOCATION FOR ASSY USE ONLY. COVER NAILS WITH SHRINK TUBING.
3. WIRE LENGTH TOL WILL BE  $\pm .12$  IN
4. ALL CONN SHOWN FROM WIRING SIDE.
5. STRIP  $1\frac{1}{8}$ " INSULATION FROM POINTS 21 THRU 40 AND FULL TIN POINTS 21 THRU 40.

<u>1</u>	<u>POWER HARNESS DECAL</u>	<u>7409872-2</u>	<u>16</u>
<u>AIR</u>	<u>WIRE #14 AWG (BRN)</u>	<u>9107370-11</u>	<u>15</u>
<u>AIR</u>	<u>WIRE #18 AWG, (GRN)</u>	<u>9107360-55</u>	<u>14</u>
<u>AIR</u>	<u>WIRE #18 AWG, (WHT)</u>	<u>9107360-99</u>	<u>13</u>
<u>AIR</u>	<u>WIRE #18 AWG (YEL)</u>	<u>9107360-44</u>	<u>12</u>
<u>AIR</u>	<u>WIRE #18 AWG (VIO)</u>	<u>9107360-77</u>	<u>11</u>
<u>AIR</u>	<u>WIRE #18 AWG, (BRN)</u>	<u>9107360-11</u>	<u>10</u>
<u>AIR</u>	<u>WIRE #18 AWG, (BLU)</u>	<u>9107360-66</u>	<u>9</u>
<u>AIR</u>	<u>WIRE #18 AWG, (GRY)</u>	<u>9107360-88</u>	<u>3</u>
<u>AIR</u>	<u>WIRE #14 AWG (ORN)</u>	<u>9107370-33</u>	<u>7</u>
<u>AIR</u>	<u>WIRE #14 AWG (BLK)</u>	<u>9107370-00</u>	<u>6</u>
<u>AIR</u>	<u>WIRE #14 AWG, (RED)</u>	<u>9107370-22</u>	<u>5</u>
<u>17</u>	<u>TIE WRAP</u>	<u>9007031</u>	<u>4</u>
<u>20</u>	<u>PIN MALE</u>	<u>1209378-01</u>	<u>3</u>
<u>1</u>	<u>CONN 6 PIN HOUSING</u>	<u>1209351-06</u>	<u>2</u>
<u>2</u>	<u>CONN 15 PIN HOUSING</u>	<u>1209351-15</u>	<u>1</u>

C LUNN 15 PIN HOUSING				1204351-5	7		
			DESCRIPTION		DRAWING PART NO.	ITEM NO.	
			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES				
ANGLES 45° 30°		CLASS OF ACCURACY	NOMINAL DIMENSIONS (EXCEPT AS NOTED)				
SURFACE QUALITY IN		IONDUST ONLY	1/8	1/16	1/32	1/64	
MATERIAL		MEDIUM	4.800	4.800	4.800	4.800	
FINISH		PREPARED	4.812	4.800	4.800	4.800	
QUANTITY & VARIATION							
THIRD ANGLE PROJECTION			DRAWN BY <u>W.H. M.</u> 11/15/65				
			CHECKED BY <u>O. K. D.</u> 12/4/65				
REMOVE BURRS AND BREAK SHARP CORNERS			PROJ. ENGR. <u>R.P.</u> 12/4/65				
DO NOT SCALE DWG			PROD. MGR. <u>M.W.</u> 12-15-20				
MATERIAL SEE PARTS LIST			NEXT HIGHER ABSY. C-A-D-7012307-0-0				
FINISH			SCALE	1/1	SHEET	1 OF 1	DIST.
			CODE	IA	NUMBER	7011109-0-0	REV.
			D				B

8

7

6

5

4

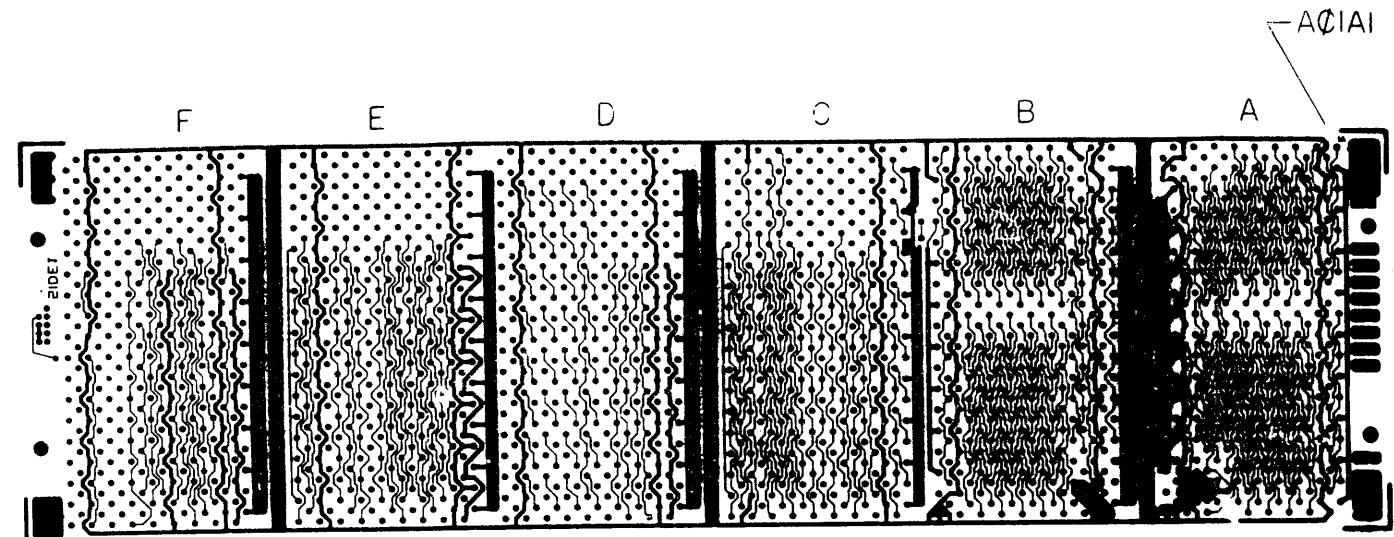
3

2

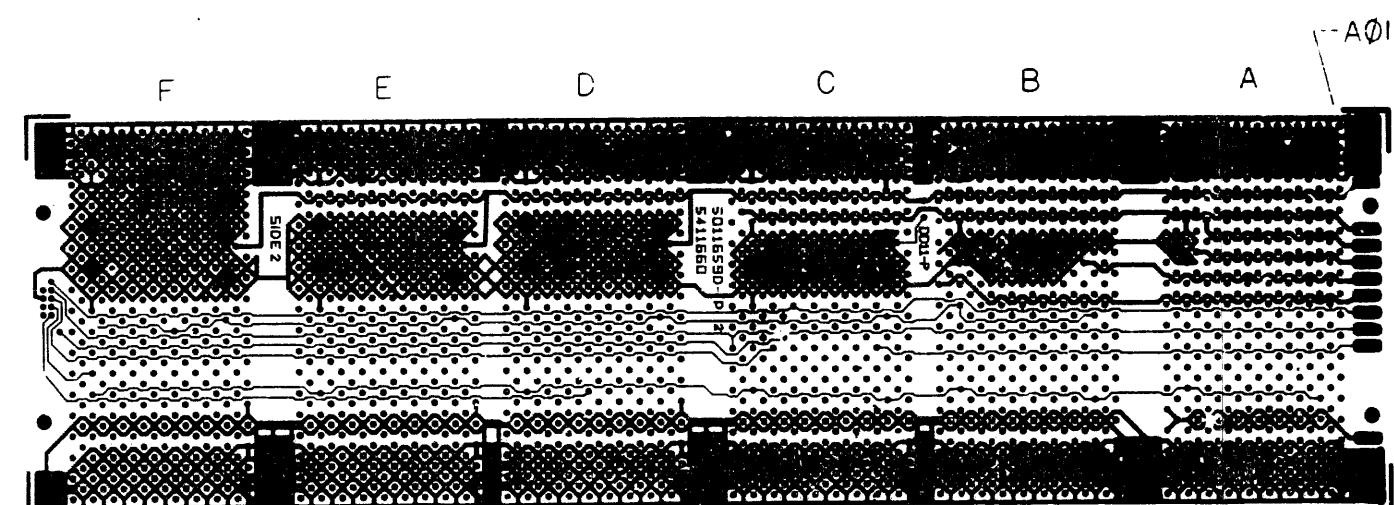
1

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## NOTES:



SIDE 1



SIDE 2

IC TYPE	GND	+5V
GND AND 5V ARE USUALLY PIN 7 AND 14 RESPECTIVELY. EXCEPTIONS ARE STATED ABOVE		
IC PIN LOCATIONS		

DEC FORM NO.  
F-102 125.8

8

7

6

5

4

3

2

1

REF	AWT REV STATUS	A-WT-701522-C	
		ITEM NO.	REV
REF	MODULE ECO HISTORY	B-WH-5411660-0-6	4
REF	ASSY/DRILLING HOLE LAYOUT	D-AM-5411660-0-5	3
REF	X-Y COORDINATE, HOLE LOCATION	K-CO-5411660-0-4	2
I	ETCHED CIRCUIT BOARD	5011659	1
QTY	REF. DESIGNATION	DESCRIPTION	PART NO.

FIRST USED ON OPTION MODEL		PARTS LIST	
ETCH BOARD REV.	D	DRN.	DATE
		1. J. Budgett	6-20-75
		2. J. Young	7/1/75
		3. R. Barry	7-2-75
		4. R. Barry	7-2-75
		PROJ. ENG.	DATE
		R. Barry	7-2-75
		PROD.	DATE

REVISIONS				NEXT HIGHER ASSY			
DEC NO.	EIA NO.	DEC NO.	EIA NO.	C-TA-701521-U-0			
				SCALE 1/1			
SEMICONDUCTOR CONVERSION CHART							

SHEET 1 OF 1	DATE
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digital

TITLE  
CIRCUIT SCHEMATICSIZE CODE NUMBER  
D CS 5411660-0-1 REV  
E